Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	DECLARATIO	N FOR	UTILITY OR	Number		EH-014	11 08	1
DESIGN			First Named Inventor Jianxin Liu					
PATENT APPLICATION				COMPLETE IF KNOWN				
	(37 CFR 1.63)			Application	Application Number U		Unknown	
1	Declaration Submitted OR		Declaration Submitted after Initial	Filing Date		Unknov	vn	
_	With Initial Filing	Filing	Filing (surcharge (37 CFR 1.16 (e))	Art Unit		Unknov	Unknown	
			required)	Examiner N	lame	Unknov	vn	
Lhoro	by declare that:							
	•							
			dress, and citizenship are					
I belie	ve the inventor(s) na a patent is sought or	ned below the invent	to be the original and fire tion entitled:	st inventor(s)	of the subjec	t matter v	vhich is clain	ned and for
Pro	cesses for Sinte	ring Alu	minum and Alumin	um Alloy (Compone	nts		
					-			
			(Title of th	ne Invention)				
the sp	ecification of which		(Title of th	e invention,				
	is attached hereto							
	OR							
\checkmark	was filed on (MM/DI	2000	12/01/2003	as Unite	nd Staton Am	nlination I	diamban an D	OT late etie
				as office	ru States Ap	pilication i		CT International
Applic	ation Number PC1	/US2003/03	and was amend	ied on (MM/D	D/YYYY)	11/1	4/2005	(if applicable).
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as								
amend	ded by any amondme	at appointed	ally referred to above	ts of the abov	e identified s	pecincan	on, including	the claims, as
amend	ded by any amendme	ent specifica	ally referred to above.					
amend I ackn	ded by any amendme owledge the duty to	ent specifica disclose i	ally referred to above. information which is ma	terial to pate	ntability as o	defined in	37 CFR 1.	56 including for
I ackn continu	ded by any amendme lowledge the duty to uation-in-part applica e national or PCT int	ent specifica disclose i itions, mate ernational f	ally referred to above. information which is ma erial information which b filing date of the continua	terial to pater ecame availa ation-in-part ap	ntability as oble between	defined in the filing	37 CFR 1. date of the	56, including for prior application
I acknocontinuand the	ded by any amendment wowledge the duty to uation-in-part applica e national or PCT int by claim foreign price	ent specifical disclose intions, mate ernational fority benefit	ally referred to above. information which is ma erial information which b filling date of the continua ts under 35 U.S.C. 119(terial to pater secame availa ation-in-part ap (a)-(d) or (f),	ntability as oble between oplication.	defined in the filing	37 CFR 1. date of the	56, including for prior application
I acknocontinuand the inventocountry	ded by any amendment wowledge the duty to uation-in-part applica e national or PCT int by claim foreign pric or's or plant breeder y other than the Unit	ent specificated disclose intions, mate ernational fority benefits rights celed States of	ally referred to above. information which is ma erial information which b filling date of the continua ts under 35 U.S.C. 1196 ertificate(s), or 365(a) of a of America, listed below a	terial to pater became availa ation-in-part ap (a)-(d) or (f), any PCT inter and have also	ntability as of ble between oplication. or 365(b) of mational app	defined in the filing any fore lication w	37 CFR 1. date of the ign applicati	56, including for prior application on(s) for patent, ated at least one box, any foreign
I acknocontinuand the invento countrapplica	ded by any amendment wowledge the duty to uation-in-part applica e national or PCT int by claim foreign pric or's or plant breeder y other than the Unit	ent specifications, material international fority benefits rights celed States contor's or pla	ally referred to above. information which is ma erial information which b filling date of the continua ts under 35 U.S.C. 1196 rtificate(s), or 365(a) of a of America, listed below a ant breeder's rights certif	terial to pater became availa ation-in-part ap (a)-(d) or (f), any PCT inter and have also	ntability as of ble between oplication. or 365(b) of mational app	defined in the filing any fore lication w	37 CFR 1. date of the ign applicati	56, including for prior application on(s) for patent, ated at least one box, any foreign
I acknoon continuand the inventor countrapplicate before	ded by any amendment owledge the duty to uation-in-part applicate national or PCT into by claim foreign price or's or plant breeder y other than the Unite ation for patent, investigation for patent.	ent specifications, material interest into the interest into the interest interest into the interest i	ally referred to above. information which is ma erial information which b filling date of the continua ts under 35 U.S.C. 119(artificate(s), or 365(a) of a for America, listed below a fant breeder's rights certif a priority is claimed. Foreign Filli	terial to pater ecame availa ation-in-part ap (a)-(d) or (f), any PCT inter and have also ficate(s), or an	ntability as of ble between oplication. or 365(b) of national appoidentified by y PCT international	defined in the filing any fore lication welow, by contional a	37 CFR 1. date of the ign application designathecking the pplication ha	56, including for prior application on(s) for patent, ated at least one box, any foreign ving a filing date
I acknoon continuand the inventor countrapplicate before	ded by any amendment of the duty to the duty that the duty that of the application duty the duty that of the application duty the duty that of the duty to the duty the	ent specifications, materiations, materiational functional functional function in the second states contor's or plan on which	ally referred to above. information which is ma erial information which b filling date of the continua ts under 35 U.S.C. 119(artificate(s), or 365(a) of a for America, listed below a fant breeder's rights certif a priority is claimed. Foreign Filli	terial to pater ecame availa ation-in-part ap (a)-(d) or (f), any PCT inter and have also ficate(s), or an	ntability as of ble between oplication. or 365(b) of national appoidentified by y PCT internal	defined in the filing any fore lication welow, by contional a	37 CFR 1. date of the ign application designathecking the pplication ha	56, including for prior application on(s) for patent, ated at least one box, any foreign ving a filing date
I acknoon continuand the inventor countrapplicate before	ded by any amendment owledge the duty to uation-in-part applicate national or PCT into by claim foreign price or's or plant breeder y other than the Unite ation for patent, investigation for patent.	ent specifications, material interest into the interest into the interest interest into the interest i	ally referred to above. information which is ma erial information which b filling date of the continua ts under 35 U.S.C. 119(artificate(s), or 365(a) of a for America, listed below a fant breeder's rights certif a priority is claimed. Foreign Filli	terial to pater ecame availa ation-in-part ap (a)-(d) or (f), any PCT inter and have also ficate(s), or an	ntability as of ble between oplication. or 365(b) of national appoidentified by y PCT international	defined in the filing any fore lication welow, by contional a	37 CFR 1. date of the ign application designathecking the pplication ha	56, including for prior application on(s) for patent, ated at least one box, any foreign ving a filing date
I acknoon continuand the inventor countrapplicate before	ded by any amendment owledge the duty to uation-in-part applicate national or PCT into by claim foreign price or's or plant breeder y other than the Unite ation for patent, investigation for patent.	ent specifications, material interest into the interest into the interest interest into the interest i	ally referred to above. information which is ma erial information which b filling date of the continua ts under 35 U.S.C. 119(artificate(s), or 365(a) of a for America, listed below a fant breeder's rights certif a priority is claimed. Foreign Filli	terial to pater ecame availa ation-in-part ap (a)-(d) or (f), any PCT inter and have also ficate(s), or an	ntability as of ble between oplication. or 365(b) of national appoidentified by y PCT international	defined in the filing any fore lication welow, by contional a	37 CFR 1. date of the ign application designathecking the pplication ha	56, including for prior application on(s) for patent, ated at least one box, any foreign ving a filing date
I acknown continuand the I herei invente countrapplicate before	ded by any amendment owledge the duty to uation-in-part applicate national or PCT into by claim foreign price or's or plant breeder y other than the Unite ation for patent, investigation for patent.	ent specifications, material interest into the interest into the interest interest into the interest i	ally referred to above. information which is ma erial information which b filling date of the continua ts under 35 U.S.C. 119(artificate(s), or 365(a) of a for America, listed below a fant breeder's rights certif a priority is claimed. Foreign Filli	terial to pater ecame availa ation-in-part ap (a)-(d) or (f), any PCT inter and have also ficate(s), or an	ntability as of ble between oplication. or 365(b) of national appoidentified by y PCT international	defined in the filing any fore lication welow, by contional a	37 CFR 1. date of the ign application designathecking the pplication ha	56, including for prior application on(s) for patent, ated at least one box, any foreign ving a filing date
I acknown continuand the I herei invente countrapplicate before	ded by any amendment owledge the duty to uation-in-part applicate national or PCT into by claim foreign price or's or plant breeder y other than the Unite ation for patent, investigation for patent.	ent specifications, material interest into the interest into the interest interest into the interest i	ally referred to above. information which is ma erial information which b filling date of the continua ts under 35 U.S.C. 119(artificate(s), or 365(a) of a for America, listed below a fant breeder's rights certif a priority is claimed. Foreign Filli	terial to pater ecame availa ation-in-part ap (a)-(d) or (f), any PCT inter and have also ficate(s), or an	ntability as of ble between oplication. or 365(b) of national appoidentified by y PCT international	defined in the filing any fore lication welow, by contional a	37 CFR 1. date of the ign application designathecking the pplication ha	56, including for prior application on(s) for patent, ated at least one box, any foreign ving a filing date

[Page 1 of 2]
This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/01 (10-05)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

		· · · · · · · · · · · · · · · · · · ·				
correspondence to:	e address sociated with stomer Number:	48740	OR	Correspondence address below		
Name						
				<u>_</u>		
Address						
City		State		ZIP		
Country	Telepho	one	Email			
		WARNING:				
Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.						
NAME OF SOLE OR FIRST IN	VENTOR:	A petition has be	een filed for this unsign	ed inventor		
Given Name (first and middle [if	any])	Family Name or Surname				
Jianxin		L	iu			
Inventor's Signature	Lín			Date 5/22/2016		
Residence: City	State	Country	Citizen			
North Huntingdon	PA	US	China			
Mailing Address 590 Adele Drive						
City	State	Zip		Country		
North Huntingdon	PA	15642	<u> </u>	JS		
Additional inventors or a legal rep	presentative are being named o	n the 0supplemen	ital sheet(s) PTO/SB/02A or 0	D2LR attached hereto.		

PTO/SB/81 (01-06)
Approved for use through 12/31/2008. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are require

POWER OF ATTORNEY and **CORRESPONDENCE ADDRESS** INDICATION FORM

ed to respond to a collection of into	rmation unless it displays a valid OMB control number.
Application Number	Unknown
Filing Date	Unknown
First Named Inventor	Jianxin Liu
Title	Processes for Sintering Aluminum an
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	EH-0141 US

I horoby royaka all provings naviers of atternoy siven in the above identified and in the						
I hereby revoke all previous powers of attorney given in the above-identified application.						
I hereby appoint:						
Practitioners associa	ated with the Customer Number:	487	48740			
OR						
Practitioner(s) name	ed below:					
	Name		Registration Number			
Trademark Office connecte	gent(s) to prosecute the application is ed therewith.	dentified above, and to tr	ansact all business in the U	nited States Patent and		
Please recognize or change	ge the correspondence address for the	ne above-identified applic	eation to:			
1.7			ation to.			
The address ass	ociated with the above-mentioned Cu	ustomer Number:				
l						
	sociated with Customer Number:					
OR Firm or						
Individual Nam	ne					
Address						
City		Ctoto				
City		State		Zip		
Telephone		Email				
I am the:						
Applicant/Invento	or.					
	rd of the entire interest. See 37 CFR	3.71				
Statement under	37 CFR 3.73(b) is enclosed. (Form F	PTO/SB/96)				
	SIGNATURE of	Applicant or Assignee of	of Record			
Signature	Jamein Li	1.4	Date	5/22/2000		
Name Jiar	nxin Liu	V'	Telephone	724-765-1321		
Title and Company Inv	ventor					
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.						
*Total of ¹ forms are submitted.						

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.